

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

February 28, 2017

All Contents in Acre-Feet

RESERVOIR	TOTAL CAPACITY (includes dead storage)*	CONTENTS						READING DATE	COMMENTS	
		Full Pool	30 YR AVERAGE	Last Year	Last Month	PRESENT	% CAPACITY			% AVERAGE
		Contents	1986 - 2016 for February	2/28/2016	1/31/2017	2/28/2017	2/28/2017			for February
Clark Fork Basin										
E.F. ROCK CREEK	16,040	9,130	8,142	8,157	8,660	54	95	3/1/2017	elev.= 6,034.2 ft	
NEVADA CREEK	11,207	5,718	5,116	3,619	4,736	42	83	2/28/2017	elev.= 4,595.24 ft	
W.F. BITTERROOT	32,362	7,276	8,775	6,031	7,639	24	105	2/28/2017	elev.= 4,668.6 ft	
Lower Missouri Basin										
ACKLEY	6,722	2,869	3,942	3,553	3,511	52	122	3/1/2017	elev.= 4,303.9 ft (2,510 AF)	
BAIR	7,300	3,462	5,148	3,410	3,750	51	108	3/1/2017	elev.= 5,308.6 ft	
DEADMAN'S BASIN	75,968	43,318	58,923	45,916	49,842	66	115	2/28/2017	elev.= 3,907.54 (46,092 AF)	
FRENCHMAN	2,777	2,526	2,777	1,606	1,606	58	64	10/20/2016	elev.= 2,263.43 ft (Not measured in February)	
MARTINSDALE	23,348	8,495	14,918	5,883	7,071	30	83	3/1/2017	elev.= 4,757.01	
N.FK. SMITH RIVER	11,406	5,831	6,383	4,778	5,435	48	93	3/1/2017	elev.= 5,466.69	
YELLOWWATER	3,842	1,568	3,160	2,878	2,976	77	190	3/1/2017	elev.= 3,116.1 ft	
Upper Missouri Basin										
MIDDLE CREEK	10,184	5,636	5,551	5,286	5,296	52	94	3/1/2017	elev.= 6,695.9 ft	
NILAN	10,992	7,023	6,315	5,841	5,841	53	83	12/4/2016	elev.= 4,430.76 ft (4,941 AF) (Not measured in February)	
RUBY RIVER	37,612	27,599	29,124	25,330	28,747	76	104	3/1/2017	elev.= 5,383.4 ft	
WILLOW CREEK	18,000	14,480	15,010	10,226	13,810	77	95	2/28/2017	elev.= 4,730.71 ft	
Yellowstone Basin										
COONEY	28,230	18,975	24,440	18,820	22,430	79	118	3/1/2017	elev.= 4,244.0 ft (22,340 AF)	
COTTONWOOD	1,900	819	1,284	588	1,349	71	165	2/24/2017	elev.= 5,099.85 ft	
TONGUE RIVER	79,071	47,707	54,262	50,249	60,323	76	126	3/1/2017	elev.= 3,422.9 ft	

* Note: Reservoir contents include dead storage at the following:

Ackley	1001 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	Willow Creek 269 AF (O&M storage table includes dead storage)

* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.

* Note: Frenchman Reservoir capacity tables updated based on aerial survey; prior capacity was 3752 A.F. Average shown is pre aerial survey